



PATENT

Case Docket No. ASMEX.376A  
Date: November 11, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Todd et al.  
Appl. No. : 10/623,482  
Filed : July 18, 2003  
For : METHOD TO FORM ULTRA HIGH QUALITY SILICON-CONTAINING COMPOUND LAYERS  
Examiner : Unknown  
Group Art Unit : 2812

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

November 11, 2003

(Date)

Adeel S. Akhtar

Adeel S. Akhtar, Reg. No. 41,394

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

(X) An Information Disclosure Statement.  
(X) A PTO Form 1449 listing Sixty-Eight (68) references of which 27 are enclosed.  
(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.  
(X) Return prepaid postcard.

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**INFORMATION DISCLOSURE STATEMENT**

App. No. : Todd et al.  
App. No. : 10/623,482  
Filed : July 18, 2003  
For : METHOD TO FORM ULTRA HIGH  
QUALITY SILICON-CONTAINING  
COMPOUND LAYERS  
Examiner : Unknown  
Group Art Unit : 2812

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 68 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

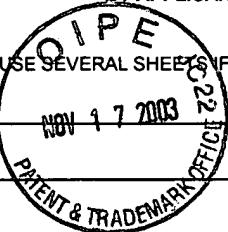
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: November 11, 2003

By: Adeel S. Akhtar

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASMEX.376A	APPLICATION NO. 10/623,482
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>   (USE SEVERAL SHEETS IF NECESSARY) NOV 17 2003		APPLICANT Todd et al.	
		FILING DATE July 18, 2003	GROUP 2812

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	1. 4,262,631	4/21/81	Kubacki				
	2. 4,277,320	7/7/81	Beguwala et al.				
	3. 4,298,629	11/3/81	Nozaki et al.				
	4. 4,363,828	12/14/82	Brodsky et al.				
	5. 4,495,218	1/22/85	Azuma et al.				
	6. 4,585,671	4/29/86	Kitagawa et al.				
	7. 4,684,542	8/4/87	Jasinski et al.				
	8. 4,715,937	12/29/87	Moslehi et al.				
	9. 5,227,329	7/13/93	Kobayashi et al.				
	10. 5,389,398	02/14/95	Suzuki et al.	427	130		
	11. 5,607,724	3/4/97	Beinglass et al.				
	12. 5,614,257	3/25/97	Beinglass et al.				
	13. 5,648,293	7/15/97	Hayama et al.				
	14. 5,656,531	8/12/97	Thakur et al.				
	15. 5,695,819	12/9/97	Beinglass et al.				
	16. 5,698,771	12/16/97	Shields et al.	73	31.05		
	17. 5,700,520	12/23/97	Beinglass et al.				
	18. 5,786,027	7/28/98	Rolfson				
	19. 5,789,030	8/4/98	Rolfson				
	20. 5,837,580	11/17/98	Thakur et al.				
	21. 5,874,129	2/23/99	Beinglass et al.				
	22. 5,876,797	3/2/99	Beinglass et al.				
	23. 5,885,869	3/23/99	Turner et al.				
	24. 5,907,792	5/25/99	Droopad et al.				
	25. 6,027,705	2/22/00	Kitsuno et al.			11/30/98	
	26. 6,083,810	7/4/00	Obeng et al.				12/5/96

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASMEX.376A	APPLICATION NO. 10/623,482
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  I P F NOV 17 2003 C 22 USE SEVERAL SHEETS IF NECESSARY		APPLICANT Todd et al.	
		FILING DATE July 18, 2003	GROUP 2812

*PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
27.	6,136,654	10/24/00	Kraft et al.			
28.	6,159,828	12/12/00	Ping et al.	438	486	
29.	6,171,662 B1	01/09/01	Nakao	427	595	
30.	6,197,669 B1	03/06/01	Twu et al.	438	585	
31.	6,197,694 B1	3/6/01	Beinglass			7/31/96
32.	6,228,181	05/08/01	Yamamoto et al.	148	33.5	
33.	6,326,311	12/04/01	Ueda et al.	438	694	
34.	6,455,892	09/24/02	Okuno et al.	257	328	
35.	6,537,910 B1	3/25/03	Burke et al.			
36.	6,613,695	09/02/03	Pomarede et al.	438	767	
37.	US 2002/0098627 A1	07/25/02	Pomarede et al.	438	149	08/31/01
38.	US 2002/0168868 A1	11/14/02	Todd	438	767	2/11/02
39.	US 2002/0197831 A1	12/26/02	Todd et al.	438	528	2/11/02
40.	US 2003/0022528 A1	1/30/03	Todd	438	933	2/11/02
41.	US 2003/0082300 A1	5/1/03	Todd et al.	427	255.27	2/11/02

FOREIGN PATENT DOCUMENTS						
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUBCLAS S	TRANSLATION
						YES NO
42.	57209810 A	12/23/82	Japan			Abstract
43.	59078918 A	5/8/84	Japan			Abstract
44.	59078919 A	5/8/84	Japan			Abstract
45.	60043485 A	3/8/85	Japan			Abstract
46.	61153277 A	7/11/86	Japan			Abstract
47.	62076612 A	4/8/87	Japan			Abstract
48.	63003414 A	1/8/88	Japan			Abstract
49.	63003463 A	1/8/88	Japan			Abstract

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		NOV 17 2003 JC22 PATENT & TRADEMARK OFFICE	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Todd et al.	
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FOREIGN PATENT DOCUMENTS							
EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUBCLAS S	TRANSLATION	
						YES	NO
50.	01217956 A	8/31/89	Japan			Abstract	
51.	01268064 A	10/25/89	Japan			Abstract	
52.	02155225 A	6/14/90	Japan			Abstract	
53.	03091239 A	4/16/91	Japan			Abstract	
54.	03185817 A	8/13/91	Japan			Abstract	
55.	03187215 A	8/15/91	Japan			Abstract	
56.	03292741 A	12/24/91	Japan			Abstract	
57.	04323834 A	11/13/92	Japan			Abstract	
58.	05021378 A	1/29/93	Japan			Abstract	
59.	05062911 A	3/12/93	Japan			Abstract	
60.	07249618 A	9/26/95	Japan			Abstract	
61.	08242006 A	9/17/96	Japan			Abstract	
62.	S60-43485	3/8/85	Japan (Patent Disclosure)			X	
63.	H 02-155225	6/14/90	Japan (Patent Disclosure)			X	
64.	H3-185817	8/13/91	Japan (Patent Disclosure)			X	
65.	H3-187215	8/15/91	Japan (Patent Disclosure)			X	
66.	H3-91239	4/16/91	Japan (Patent Disclosure)			X	
67.	H5-62911	3/12/93	Japan (Patent Disclosure)			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
68	Ikoma et al., Growth of Si/3C-SiC/Si(100) heterostructures by pulsed supersonic free jets, Applied Physics Letters, Volume 75, No. 25, Pp. 3977-3979, December 1999	
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70		

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